



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Monday Evening, June 09, 2008

Major Developments

Weekend Storms, Tornadoes Cut Power to 700,182 Customers in Midwest Nearly 300,000 Still Without Power June 9

Heavy storms crushed the U.S. Midwest on Friday, Saturday and Sunday, cutting power to 700,182 customers across Michigan, Indiana, Kentucky, Iowa, Ohio and Illinois. The storms caused six tornadoes in Illinois, and at least one in Ohio. There were no reported tornado sightings in Michigan, but officials issued tornado watches and warnings. In Illinois, seven felled power lines closed parts of Interstate 57 on Saturday and Sunday. The storms also forced authorities to cancel 400 flights at O'Hare International Airport in Chicago.

Midwest Customer Power Outages			
June 6 -9, 2008			
Electric Utility	State	Peak*	Latest Reported
DTE Energy	Michigan	262,000	169,000
Consumers Energy (CMS Energy)	Michigan	118,000	80,000
Lansing Board of Water & Light	Michigan	19,000	7,100
ComEd	Illinois	116,000	4,300
Indiana Michigan Power (AEP)	Indiana, Michigan	29,900	467
Duke Energy	Indiana	22,665	5,589
Toledo Edison	Ohio	42,000	16,000
Alliant	Iowa	23,258	978
MidAmerican	Iowa	13,241	6
We Energies	Wisconsin	20,000	0
Alliant	Wisconsin	11,660	588
Duke Energy	Kentucky	22,458	3
TOTAL**		700,182	284,031

*The figures in this column represent the highest number of customers reported without power at one time from June 6 to June 9, 2008.

**Total outages only represent electric utilities listed in this table.

Duke Energy Indiana: <http://www.duke-energy.com/indiana/outages/current.asp>

Duke Energy Kentucky: <http://www.duke-energy.com/kentucky/outages/current.asp>

Alliant Iowa & Wisconsin: <http://www.alliantenergy.com/docs/groups/public/documents/pub/p013332.hcsp>

Indiana Michigan Power: <http://www.indianamichiganpower.com/news/outages/viewstorm.asp?stormID=801>

<http://www.foxbusiness.com/story/markets/industries/energy/tornadoes-wake-comed-works-clock-restore-outages/>

http://www.mlive.com/news/index.ssf/2008/06/intense_storms_blamed_for_6_de.html

http://blog.mlive.com/annarbornews/2008/06/storms_down_trees_knock_out_po.html

http://www.wtol.com/Global/story.asp?S=8445468&nav=menu34_1

http://www.suburbanchicagonews.com/beaconnews/news/995319.2_1_AU09_STORMS_S1.article

<http://abclocal.go.com/wls/story?section=news/local&id=6193178>

<http://www.detnews.com/apps/pbcs.dll/article?AID=/20080609/METRO/806090398/1410>

<http://www.detnews.com/apps/pbcs.dll/article?AID=/20080609/METRO/806090398/1410>

http://www.statenews.com/index.php/article/2008/06/some_lansing_residents_may_be_in_dark_until_thursday

http://www.wtol.com/Global/story.asp?S=8445468&nav=menu34_1

<http://www.saukvalley.com/articles/2008/06/09/news/state/844d0a724f2ab25440601ce4ea2cbd40.txt>

<http://www2.jsonline.com/story/index.aspx?id=760024>

<http://www.freep.com/apps/pbcs.dll/article?AID=/20080607/NEWS06/80607037/1001/news>

<http://www.midamericanenergy.com/storm/>

Storms Leave 67,073 Customers without Power in Virginia, Maryland and D.C. June 7

Storms cut power to 19,103 Dominion Power – Virginia customers, 10,302 PEPCO D.C. customers, 17,668 PEPCO Maryland customers, and 20,000 Baltimore Gas & Electric customers, according to utility websites and a news source. Only 3,799 Dominion Power –Virginia customers, 383 PEPCO D.C. customers, 5,025 Baltimore Gas & Electric customers and 2,165 PEPCO Maryland customers remained without power, as of latest reports.

http://www.dom.com/news/outage_sos.jsp

<http://www.pepco.com/home/emergency/maps/zip/>

http://www.hometownannapolis.com/cgi-bin/read/2008/06_08-53/TOP

<http://www.bge.com/portal/site/bge/menuitem.42d31413f80c584606370f10d66166a0>

Severe Thunderstorms Cut Electricity to 38,000 LIPA Customers in New York June 8

Only 4,341 Long Island Power Authority (LIPA) customers were still without power this afternoon, June 9.

<http://www.newsday.com/news/local/ny-liweat0610.0.6345306.story>

<http://www.lipower.org/stormcenter/outages/outagemap.html>

Thunderstorms Cut Power to 26,000 CL&P Customers in Connecticut June 8

The storms killed one person and injured five others. Almost 26,000 Connecticut Light & Power (CL&P) customers lost power, according to the utility.

http://www.wtnh.com/Global/story.asp?S=8448996&nav=menu29_2_11_2

Edison's 1,127 MW San Onofre Nuke Unit 2 in California Shuts June 5

"A minor irregularity in the electric generator's cooling water system" caused an automatic shutdown, according to an Edison International spokesman. The company expected the outage to be "brief." At the time of the incident, the unit was ramping up from a planned maintenance outage.

Bloomberg News, 15:11 June 6, 2008

TVA's 1,125 MW Watts Bar Nuke Unit 1 in Tennessee Reduced to 80 Percent by June 9

The Nuclear Regulatory Commission reported that on the morning of June 8 the unit was operating at 89 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Luminant Idles 750 MW Martin Lake Coal-fired Unit 1 in Texas June 8

The company planned to halt the unit June 8 to repair a boiler tube leak, according to a filing with state regulators. The filing gave no timetable for the unit's return, but a spokesperson said the outage would be "short-term."

Bloomberg News, 11:13 June 9, 2008

Reuters, 09:06 June 9, 2008

Luminant Shuts 545 MW Sandow Coal-fired Unit 4 in Texas June 8

The company idled the unit to repair a boiler tube leak, according to a filing with state regulators. The filing did not give a timetable for the unit's return, but a spokesperson said the outage would be "short-term."

Bloomberg News, 11:25 June 9, 2008

Reuters, 18:00 June 8, 2008

OPG's 494 MW Lambton Coal-fired Unit 1 in Ontario Shut June 5

Reuters, 9:45 June 9, 2008

ATCO's 378 MW Sheerness Coal-fired Unit 1 in Alberta Shut June 6

Reuters, 20:34 June 8, 2008

ATCO's 368 MW Battle River Coal-fired Unit 5 in Alberta Shut June 8

Reuters, 20:34 June 8, 2008

Sempre's 355 MW Termoelectrica Gas-fired Unit in Mexico Shut June 8

Reuters, 20:34 June 8, 2008

TransAlta's 353 MW Sundance Coal-fired Unit 5 in Alberta Shut June 9

Reuters, 9:45 June 9, 2008

Reliant's 320 MW Etiwanda Gas-fired Unit 4 in California Shut June 6

Reuters, 18:43 June 6, 2008

Calpine's 297 MW Los Medanos Gas-fired Unit in California Shut June 8

Reuters, 9:45 June 9, 2008

SCE's 285 MW Mountainview Gas-fired Unit 3 in California Shut June 8

Reuters, 20:34 June 8, 2008

Calpine's 281 MW Delta Gas-fired Unit in California Shut April 27

Reuters, 20:34 June 8, 2008

Calpine's 276 MW Pastoria Gas-fired Unit in California Shut June 6

Reuters, 18:43 June 6, 2008

Complete's 256 MW La Paloma Gas-fired Unit 2 in California Shut June 9

<http://www.caiso.com/unitstatus/data/unitstatus200806081515.html>

APS's 1,314 MW Palo Verde Nuke Unit 1 in Arizona Ramps up to 19 Percent by June 9

The unit stalled on Friday, June 6, after a weld fault along a pipe holding boron water. The affected pipe links a boron water tank to the reactor's coolant system.

Reuters, 08:06 June 9, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Entergy's 1,207 MW Grand Gulf Nuke Unit 1 in Mississippi at Full Power by June 9

The Nuclear Regulatory Commission reported that on the morning of June 8 the unit was operating at 87 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: FPL's 1,155 MW Seabrook Nuke Unit 1 in New Hampshire at Full Power by June 8

The company reduced the unit by June 6 to perform work on a condenser. The Nuclear Regulatory Commission reported that on the morning of June 7 the unit was operating at 49 percent.

<http://uk.reuters.com/article/oilRpt/idUKN0945204620080609>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: TVA's 1,126 MW Sequoyah Nuke Unit 2 in Tennessee at Full Power by June 8

The Nuclear Regulatory Commission reported that on the morning of June 7 the unit was operating at 80 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Energy Northwest's 1,107 MW Columbia Generating Station Nuke Unit in Washington Ramped Up to 60 Percent by June 8

The Nuclear Regulatory Commission reported that on the morning of June 7 the unit was operating at 50 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

FirstEnergy's 882 MW Davis-Besse Nuke Unit in Ohio at Full Power by June 9

The Nuclear Regulatory Commission reported that on the morning of June 8 the unit was operating at 78 percent. It reduced to 65 percent by the morning of June 7.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

FPL's 839 MW Saint Lucie Nuke Unit 2 in Florida Ramps Up to 45 Percent Power by June 9

A condensate pump idled June 7. That, in turn, tripped a main feedwater pump and lowered water levels in the reactor's steam generators, forcing the unit to halt. The company returned the unit to 45 percent power by this morning, June 9. The Nuclear Regulatory Commission reported that on the morning of June 8 the unit was not operating.

Reuters, 08:12 June 9, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

FPL's 510 MW Point Beach Nuke Unit 1 in Wisconsin at Full Power by June 8

The Nuclear Regulatory Commission reported that on the morning of June 7 the unit was operating at 60 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

NRG to Restart 836 MW Limestone Coal-fired Unit 1 in Texas June 8

NRG Energy expected to restart the unit on Sunday, June 8, according to a filing with state regulators. The company idled the unit on Friday, June 6, to fix a boiler tube.

Reuters, 19:06 June 8, 2008

Wisconsin Power and Light Plans 200 MW to 400 MW Bent Tree Wind Farm in Minnesota

The Bent Tree Wind Farm would produce at least 200 MW of power. It could include another 200 MW of output, but the company has not yet decided if it will pursue that extra capacity. Pending approval, workers would begin construction in 2009, and open the 200 MW facility by the end of 2010. The company filed a Certificate of Public Convenience and Necessity application with the Public Service Commission of Wisconsin today, June 9. Wisconsin Power and Light Company is a wholly-owned subsidiary of Alliant Energy Corporation.

<http://www.alliantenergy.com/docs/groups/public/documents/pub/p016728.hcsp>

Petroleum

Crude Oil Surges \$10.75 June 6—Largest Ever Single-Day Spike

Oil jumped past \$138 a barrel on Friday, June 6, thanks to a lagging dollar and geopolitical tensions. A senior Israeli official, quoted in an Israeli newspaper, said that an Israel assault on Iran was "unavoidable," should Iran continue to pursue its nuclear plan. That statement likely triggered a price surge, according to some analysts.

<http://online.wsj.com/article/SB121279421263753561.html?mod=DEN>

Marathon Oil Begins Production at 120,000 b/d Alvheim FPSO Offshore Norway

Marathon achieved first production at its Alvheim floating production, storage and offloading (FPSO) vessel offshore Norway, according to a company release. The Alvheim and Vilje projects, combined, should reach peak net production of approximately 75,000 barrels of oil equivalent per day by early 2009. Alvheim has a nameplate capacity of 120,000 b/d of oil, 125 million cubic feet per day of natural gas, and total storage capacity of 560,000 barrels of oil.

<http://www.marathon.com/News/Press%5FReleases/Press%5FRelease/?id=1163470>

Fire Halts Apache's Gas Processing Plant Offshore Australia—Miners Turn to More-Costly Diesel

A fire and explosion stalled shipments from Apache Corp.'s Varanus Island gas processing plant offshore Australia last week. The company said it would be at least two months before it could resume any output. Apache is responsible for approximately one-third of Western Australia's gas. In Varanus Island's absence, commercial customers—most notably, mining operators—will likely purchase diesel to fill the energy gap. Experts fear the event could trigger a significant surge in demand for the already-expensive diesel.

http://money.cnn.com/news/newsfeeds/articles/djf500/200806060535DOWJONESDJONLINE000444_FORTUNE5.htm

<http://www.bloomberg.com/apps/news?pid=20601109&sid=aNHgN9bJ.jLg&refer=home>

Natural Gas

Piedmont Natural Gas Plans 1.25 Bcf LNG Peak Storage Facility in North Carolina

The facility will have the capacity to store about 1.25 billion cubic feet (bcf) of natural gas, for use in times of peak demand. It is expected to enter service for the 2012-2013 winter heating season. The company is evaluating sites, and plans to choose a location in the coming weeks.

<http://phx.corporate-ir.net/phoenix.zhtml?c=76635&p=irol-newsArticle&ID=1163648&highlight=>

Cardinal Gas Storage Partners Announces Non-Binding Open Season for Planned Natural Gas Storage Facility in Louisiana

The facility will include 1.2 Bcf/d of peak deliverability and two salt caverns, individually equipped to hold 7.5 Bcf of working gas. Each salt cavern will have 0.6 Bcf/d of peak injection capability. The company plans to open the facility in 2012. It will have interconnects to CenterPoint Energy's Perryville Hub and numerous nearby pipelines

<http://biz.yahoo.com/prnews/080609/nym062.html?.v=101>

Other News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
June 9, 2008			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	135.99	128.71	64.82
NATURAL GAS Henry Hub \$/Million Btu	12.71	11.43	7.52

Source: Reuters

Energy Notes

Wind Downs Transmission Line, Cuts Power to 18,000 Xcel Customers in Colorado June 8—Company Expected Full Restoration by Evening, June 8

<http://www.9news.com/news/local/article.aspx?storyid=93310&catid=346>

Suspected Tornado Cuts Power to 10,000 Omaha Public Power District Customers in Nebraska June 8

<http://www.kptm.com/Global/story.asp?S=8447809>

Storms and Lightning Disrupt Power to 13,000 Hydro One Customers in Ontario June 8—About 3,500 Remain Without Power Early June 9

<http://www.oilweek.com/news.asp?ID=16556>

Fire at Flint Hills' 279,300 b/d Rosemount, Minnesota Refinery on May 30, News Source Reports—Workers Quickly Contained Blaze, Source Says

Bloomberg News, 06:21 June 9, 2008

Valero Reports Unplanned Work to Floating Roof in Tank 159 at 146,000 b/d Corpus Christi, Texas Refinery

Bloomberg News, 14:10 June 8, 2008

Spectra Energy and New Jersey Resources' Steckman Ridge, LP Receives FERC Approval for Proposed 12 Bcf Steckman Ridge Natural Gas Storage Facility in Pennsylvania

http://www.spectraenergy.com/news/releases/2008/Jun/20080609_01.asp

Update: Mitsubishi Corp. Scratches Plans for 1 Bcf/d LNG Terminal in Long Beach, California

<http://intelligencepress.com/>

<http://www.latimes.com/business/la-fi-lng7-2008jun07.1.5110492.story>

NorthernStar Natural Gas' Bradwood Landing LNG Terminal in Oregon Receives FERC Approval

<http://www.oregonlive.com/business/oregonian/index.ssf?/base/business/121281092087900.xml&coll=7>

IEA Says DOE's Regional Carbon Sequestration Partnerships and Large-Scale CO2 Tests are World's Most Ambitious—Will Significantly Boost Carbon Capture and Storage in U.S. and Abroad

http://www.netl.doe.gov/publications/press/2008/08019-IEA_Finds_US_CCS_Plans_Ambitious.html

U.S. Appeals Court Issues Injunction to Halt Construction of Proposed 25.5-mile Bull Mountain Natural Gas Pipeline in Colorado— Court Says Legal Battle Must First be Resolved , as Environmental Groups Contest Project

http://www.examiner.com/a-1428992~Fed_appeals_court_temporarily_blocks_work_on_gas_pipeline.html

Japan and U.S. Sign Deal to Boost Methane Hydrate Research

<http://www.tmcnet.com/usubmit/-kyodo-news-summary-4-/2008/06/07/3486446.htm>

Russia's Gazprom to Enter Discussions With ConocoPhillips and BP About Proposed Natural Gas Pipeline from Alaska to Lower 48 States

<http://www.taipeitimes.com/News/worldbiz/archives/2008/06/09/2003414253>

Rebels Overtake Addax Petroleum Oil Vessel in Nigeria June 9—Eight Sailors on Board

Reuters, 07:19 June 9, 2008

Workers' Strike Stalls 29 Oil Ships at Fos-Lavera Oil Port in France June 9

Reuters, 06:43 June 9, 2008

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

ENERGY ASSURANCE DAILY

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